

PCIM DISPLAY

- System chart
- NSWC responsibilities
- SPCO
- CPES/MAXWELL
- Notes
- DC distribution

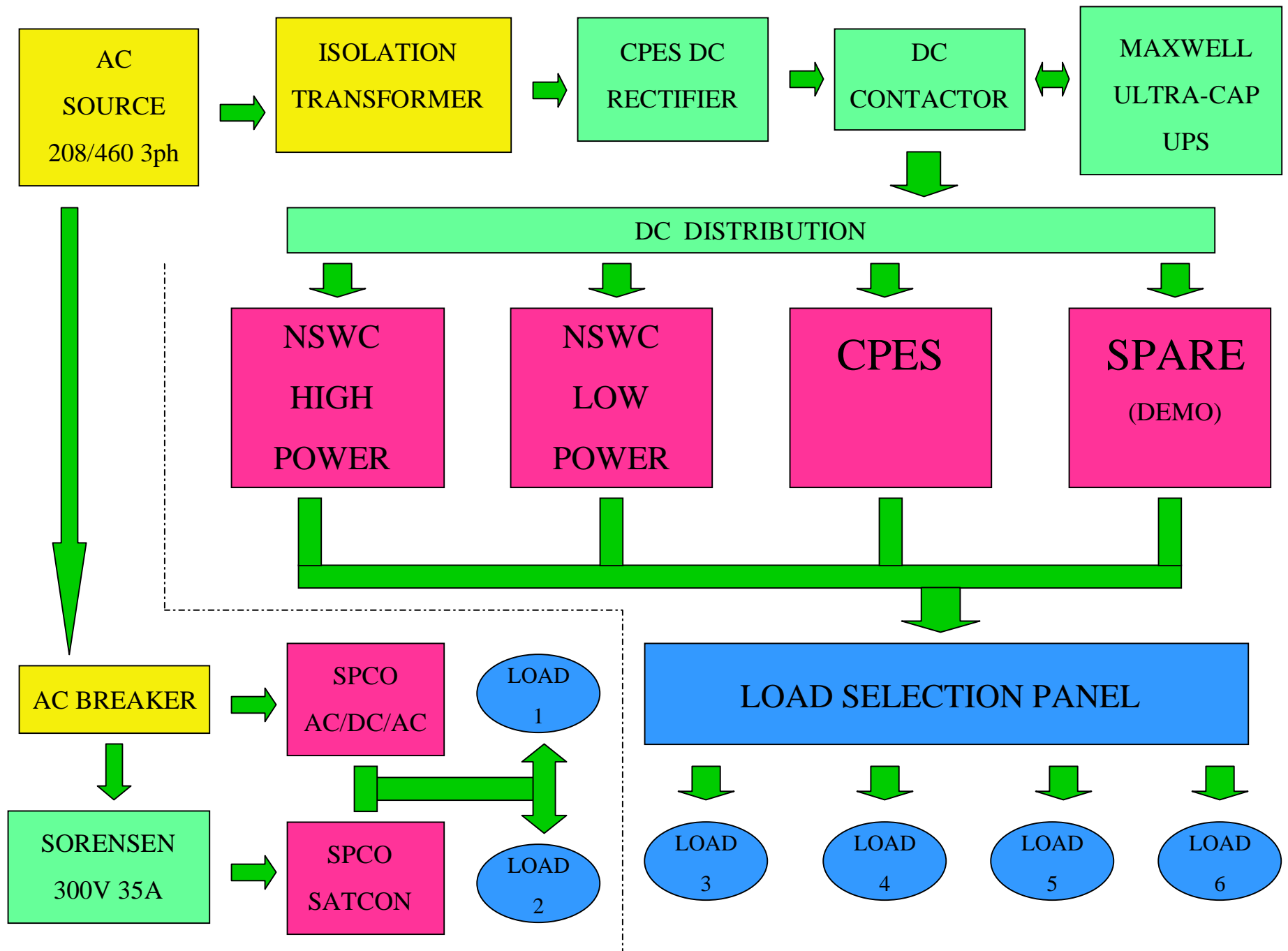
Vector Research POC

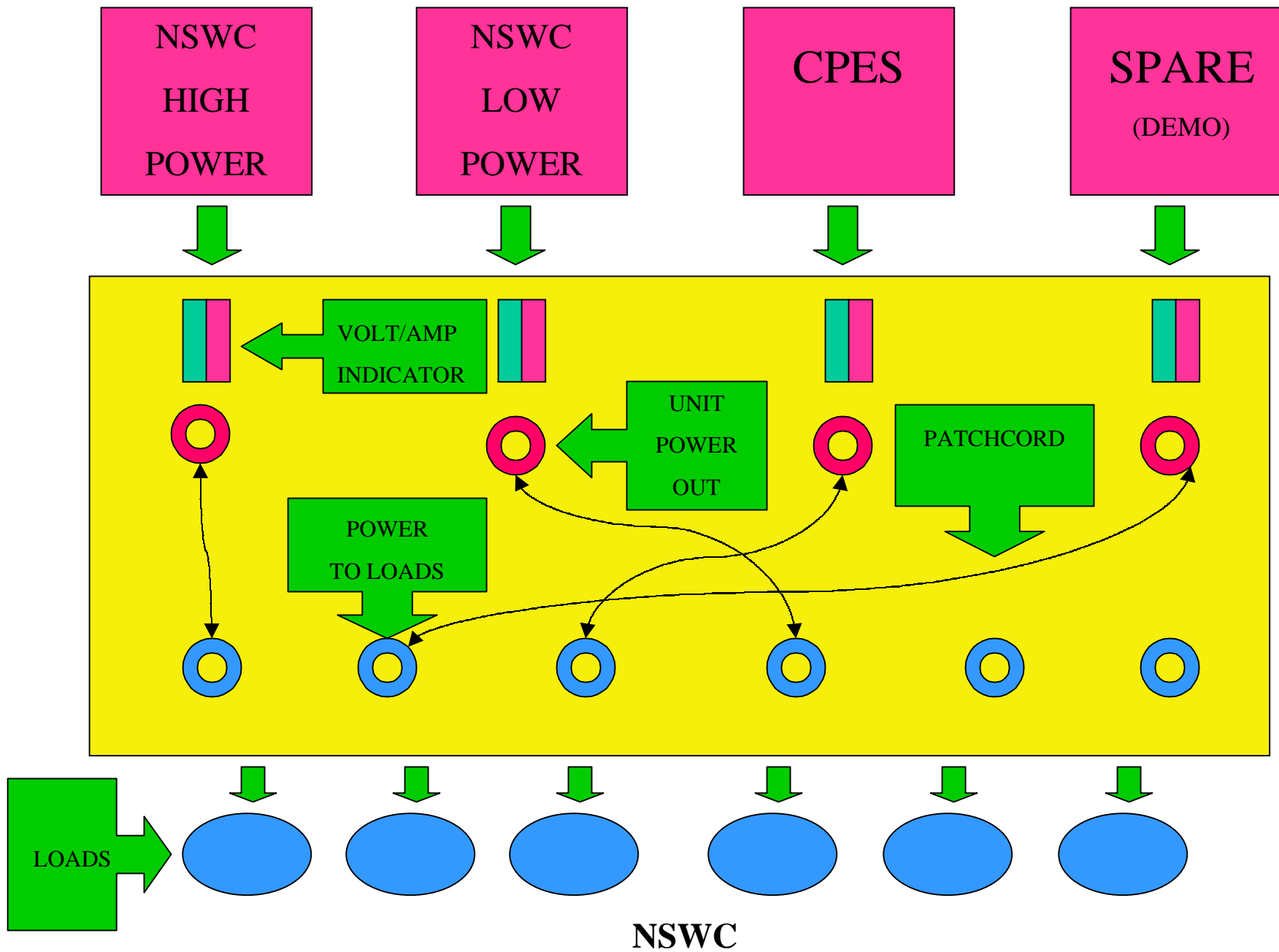
Jerry Castellucci

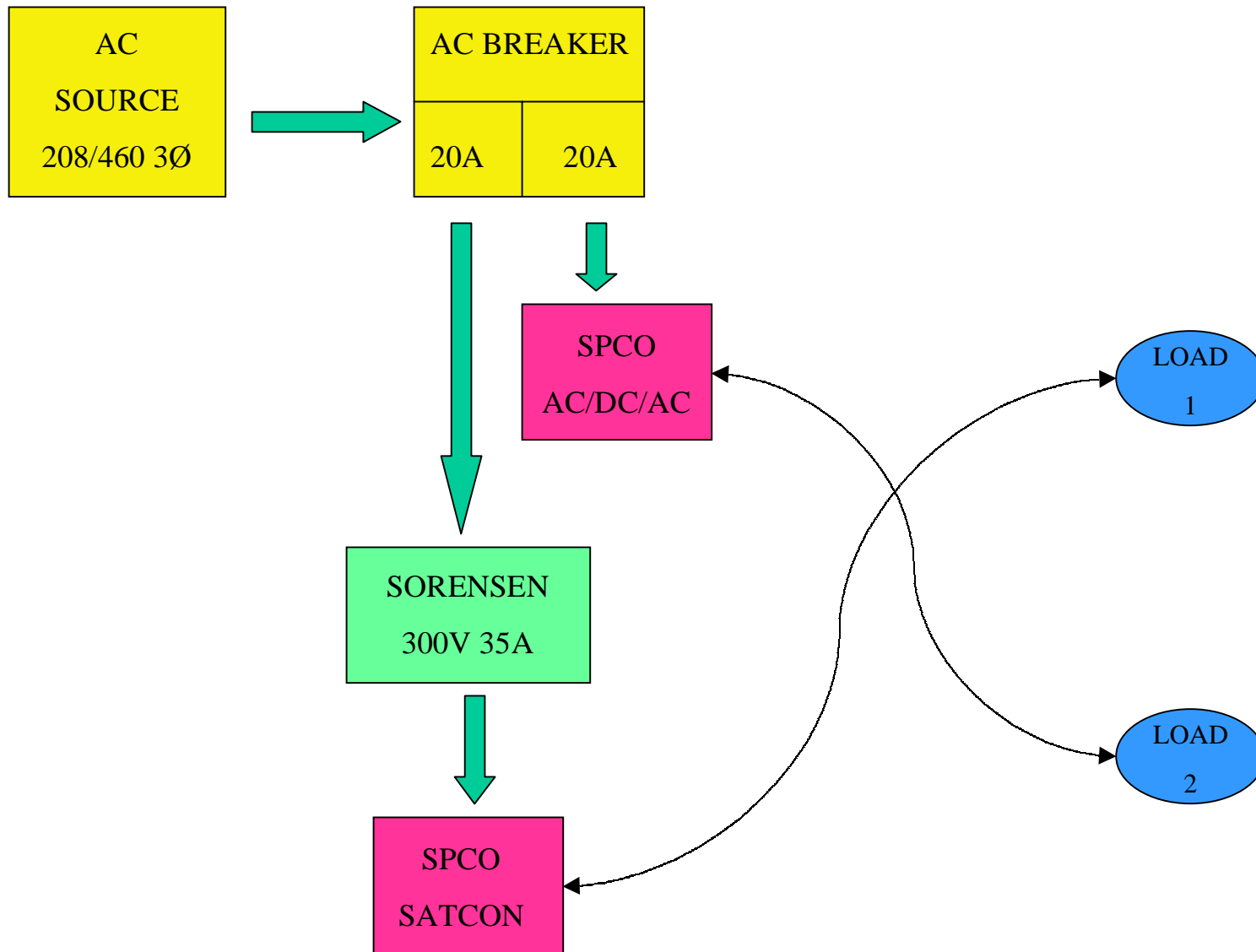
jcastellucci@pebb.vrc.com

215-897-8636

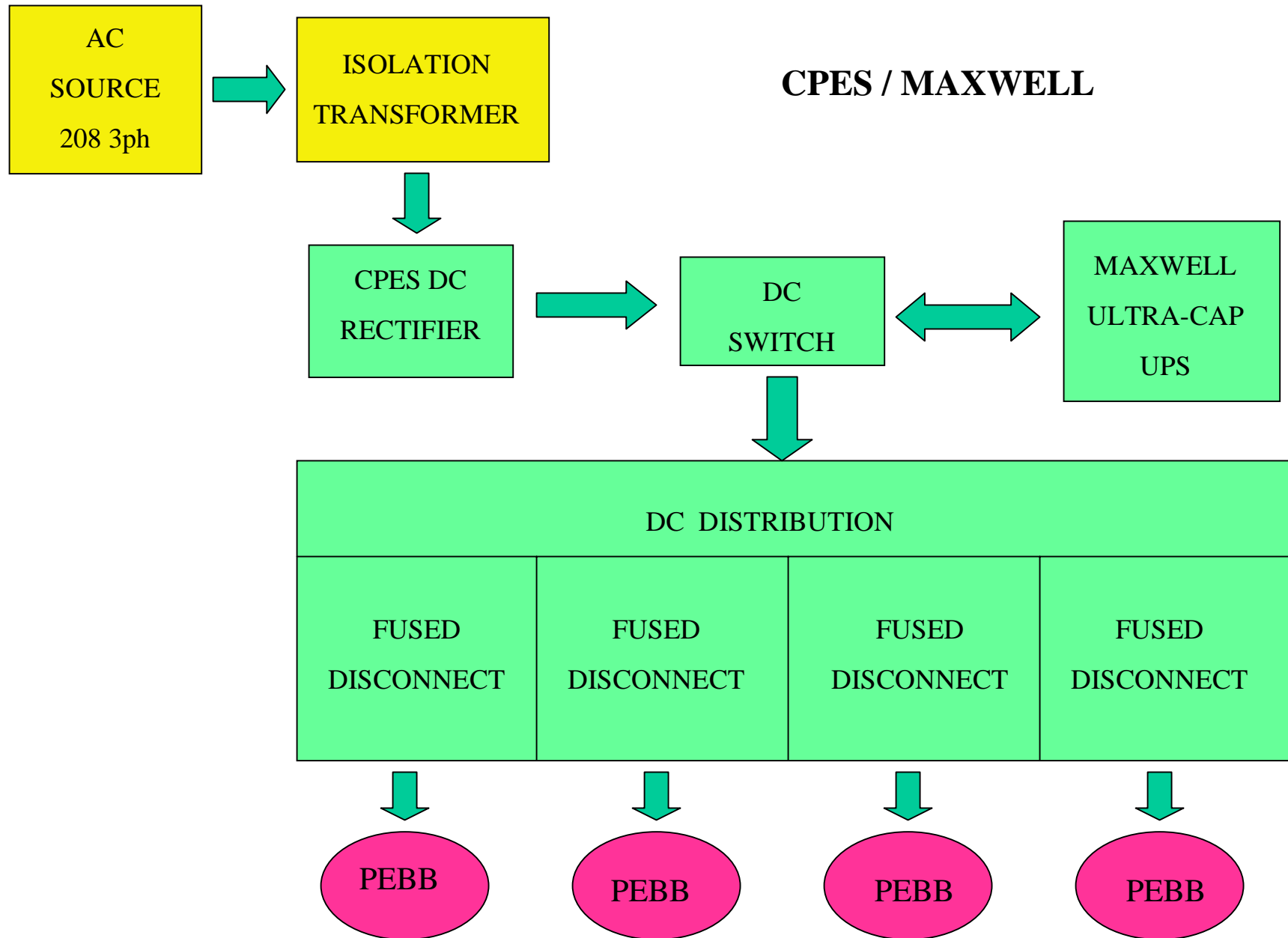
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SPCO



NOTES

- Each input to the NSWC load selection panel will be fused inside the panel.
- Require DC control section so that each Pebb can be switched off individually and has some current protection.
- AC source voltage for NSWC/CPES booth is 2 - 30 A 110 circuits with 6 outlets each and 3 Ø 480V at 100 A
- The linear motor will be run only from it's position with the NSWC unit. Any other unit capable of running the linear motor will be provided appropriate connection. Wye configuration with neutral is required.
- Connection for all other loads will be by standard 3Ø 250V 30A 4 wire connectors.
- Patch panel cords will be male/female 3Ø 250V 30A connectors.
- SPCO will coordinate with PCIM show staff for booth power to suit their needs.
- Loads :
 - Ball valve will remain with the SPCO display
 - Linear motor will remain with the NSWC display
 - Butterfly valve
 - Pump loop
 - 400hz motor
 - DC motor

} These loads will
be mobile.

Additional suitable loads
can be easily integrated
into the system....

Light bank ?

QUESTIONS ON DC DISTRIBUTION

- NSWEC feels the need to provide a means to isolate each PEBB from the DC source. Something at least one step more sophisticated than jerking out a plug is desired. Will NSWEC / Vector be procuring parts and building this link or is something suitable available. (Parts available?)
- What current protection is in place within the DC distribution? Is there some means to provide individual protection to each PEBB along with the disconnect?